

FIG.1B

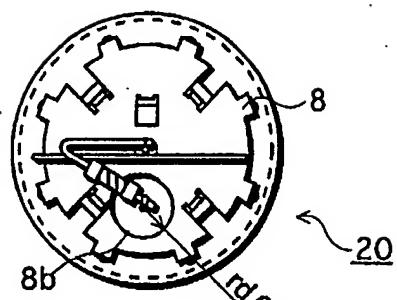


FIG.1A

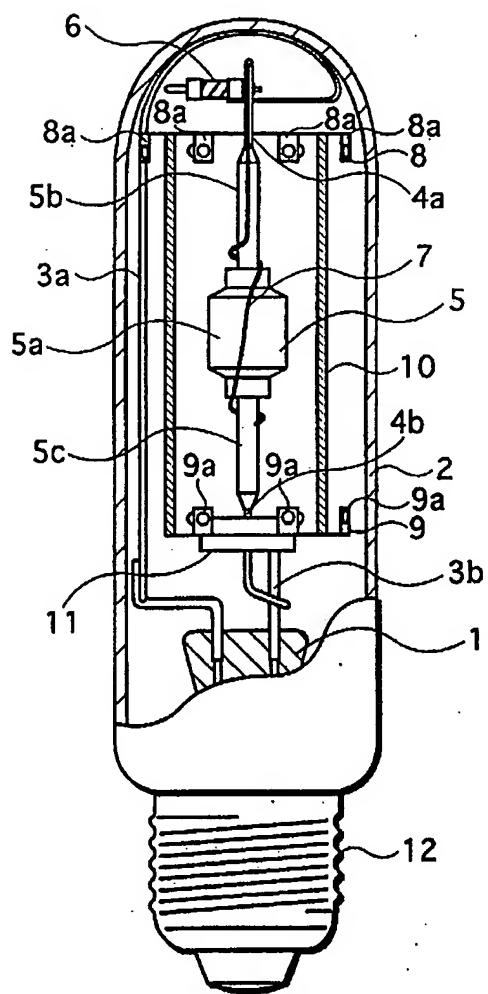


FIG.2A

STEADY STATE

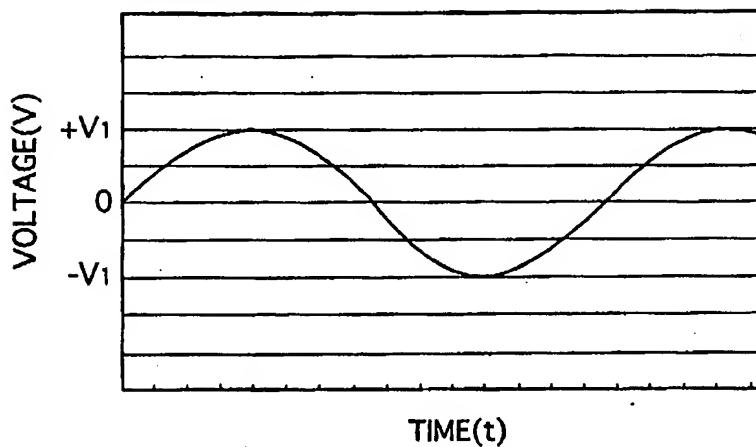


FIG.2B

STARTUP

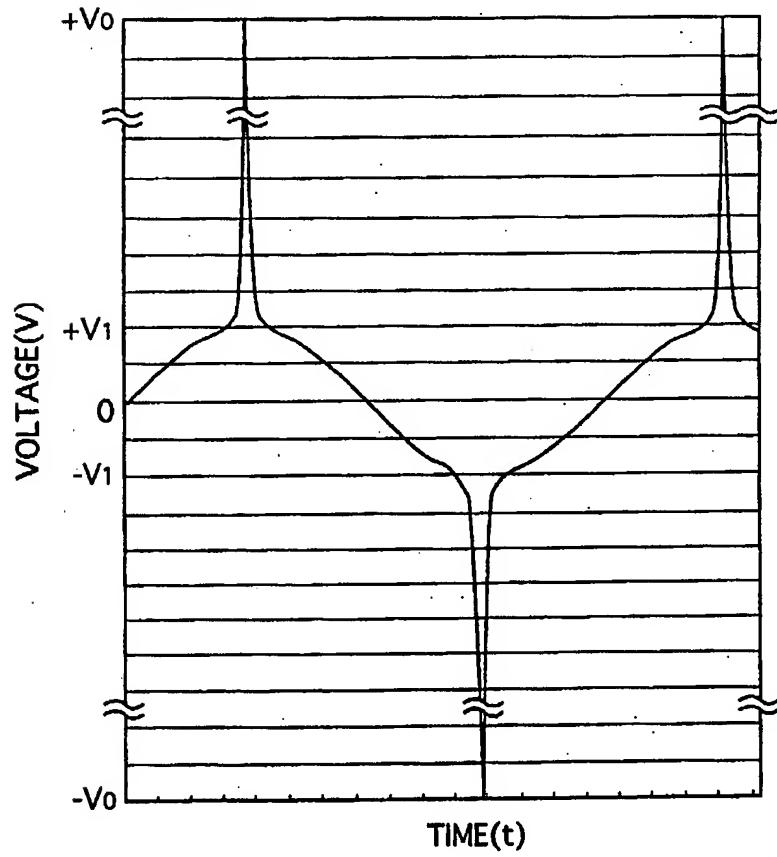


FIG.3A

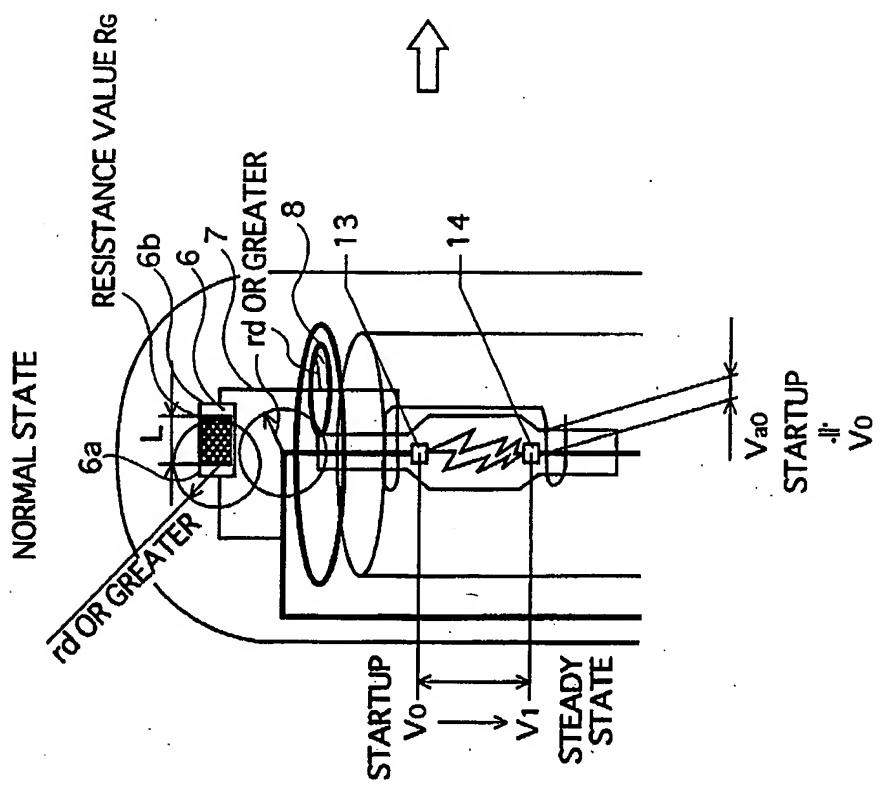


FIG.3B

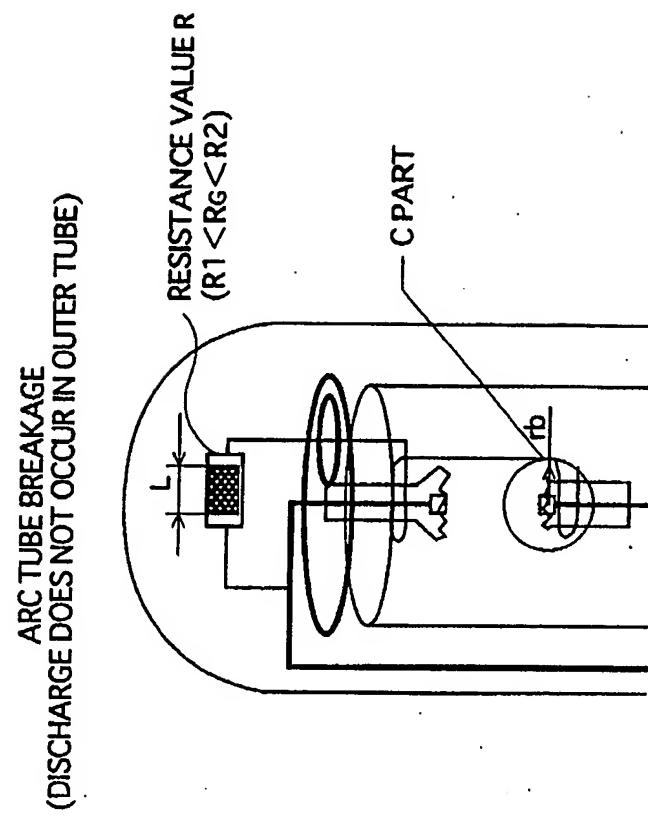


FIG.4A

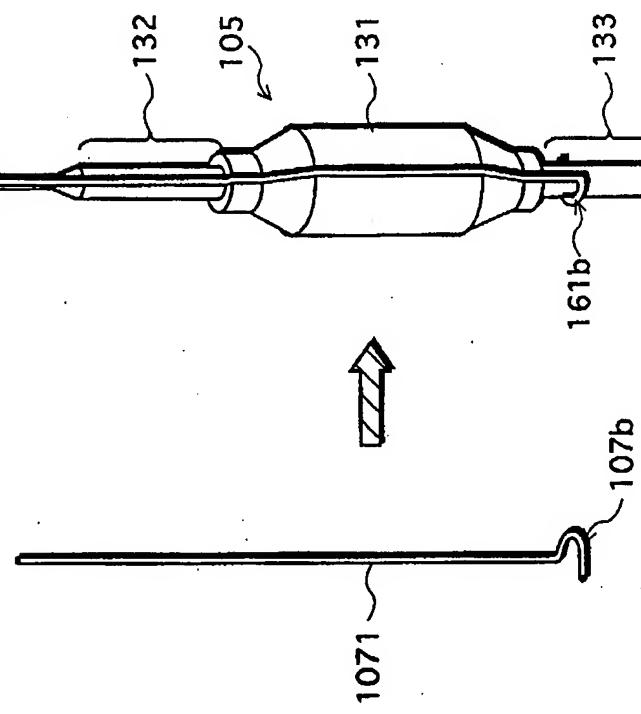


FIG.4B

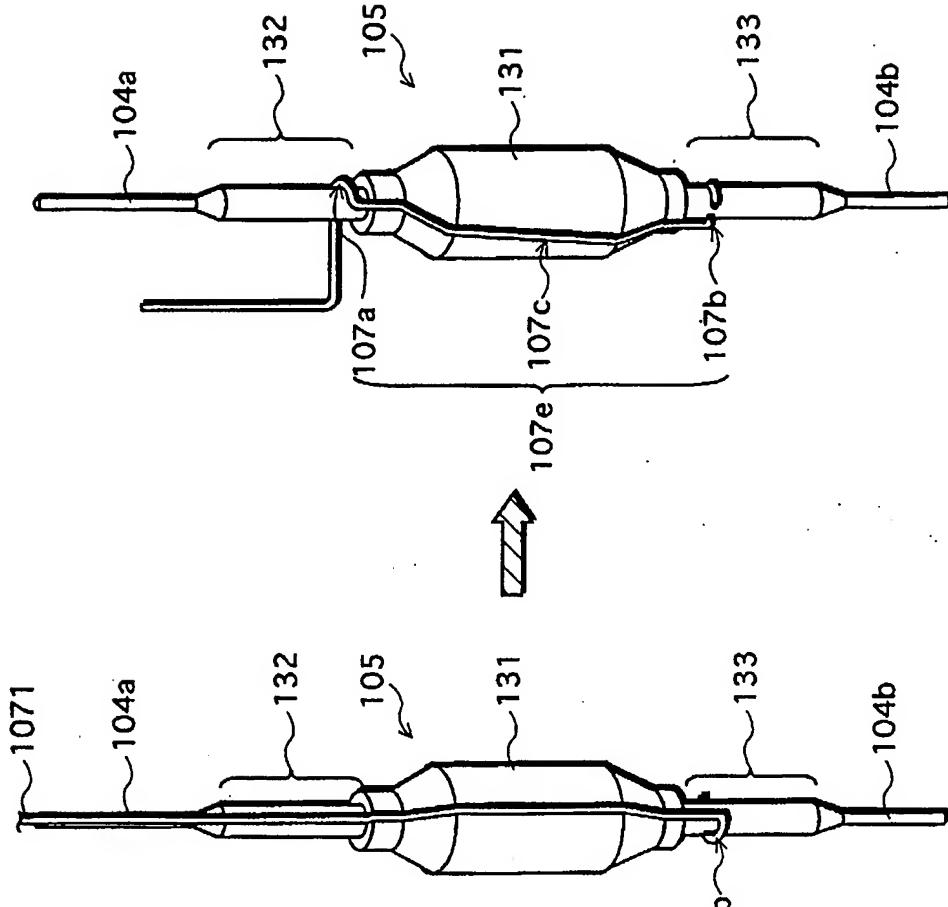


FIG.4C

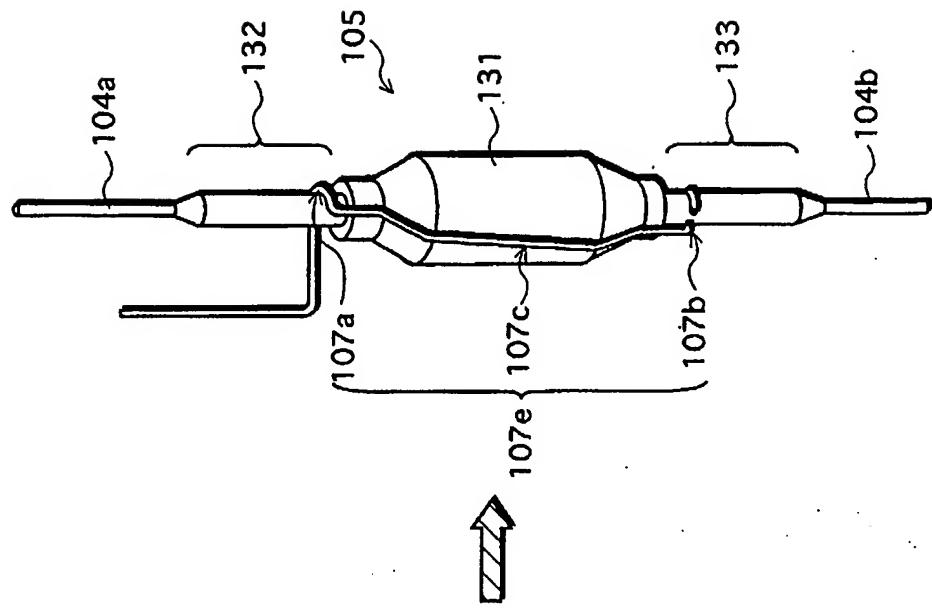


FIG. 5A

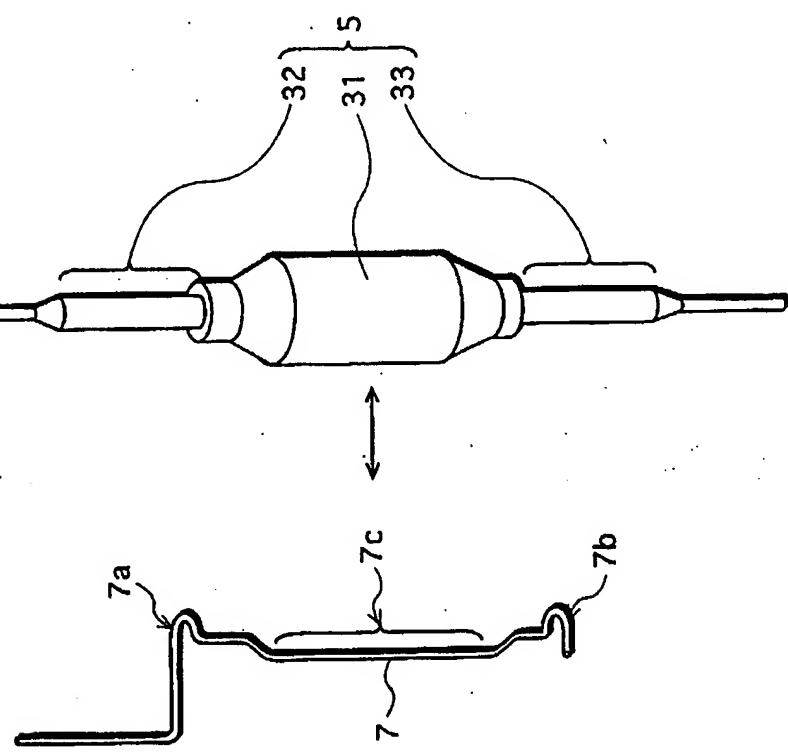


FIG. 5B

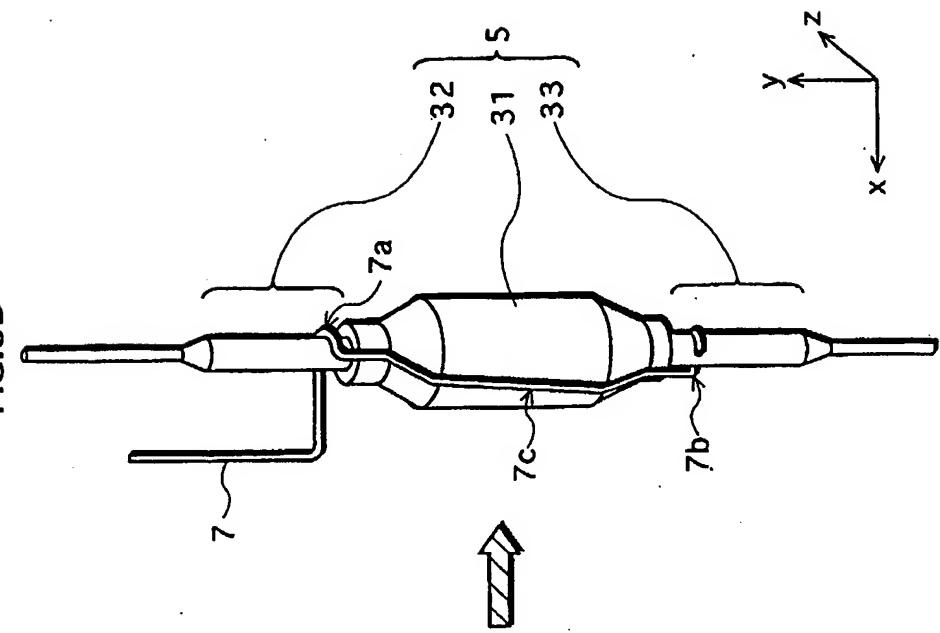


FIG.6

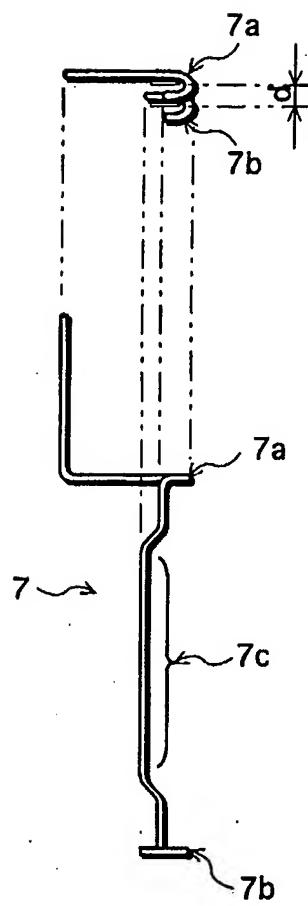


FIG.7

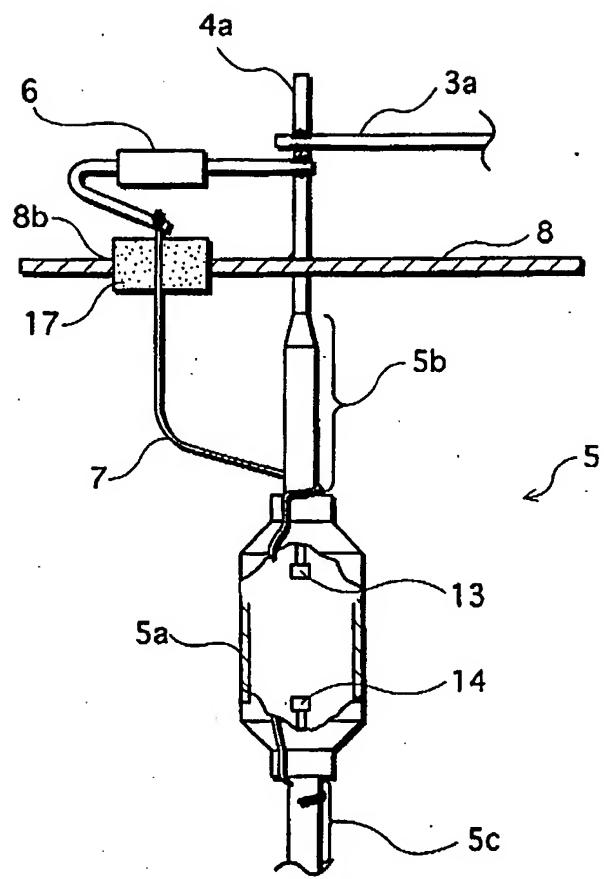


FIG.8B

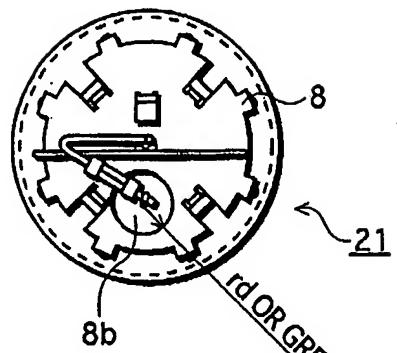


FIG.8A

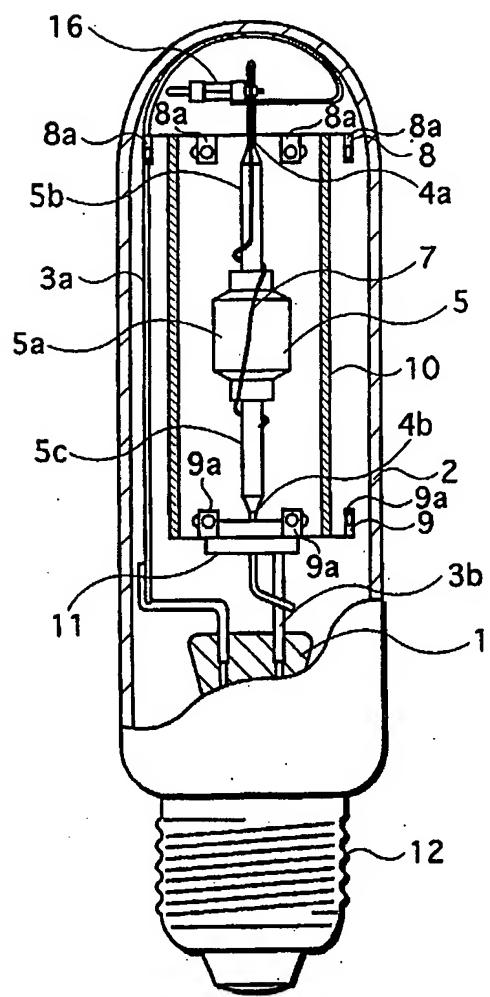


FIG.9A
NORMAL STATE

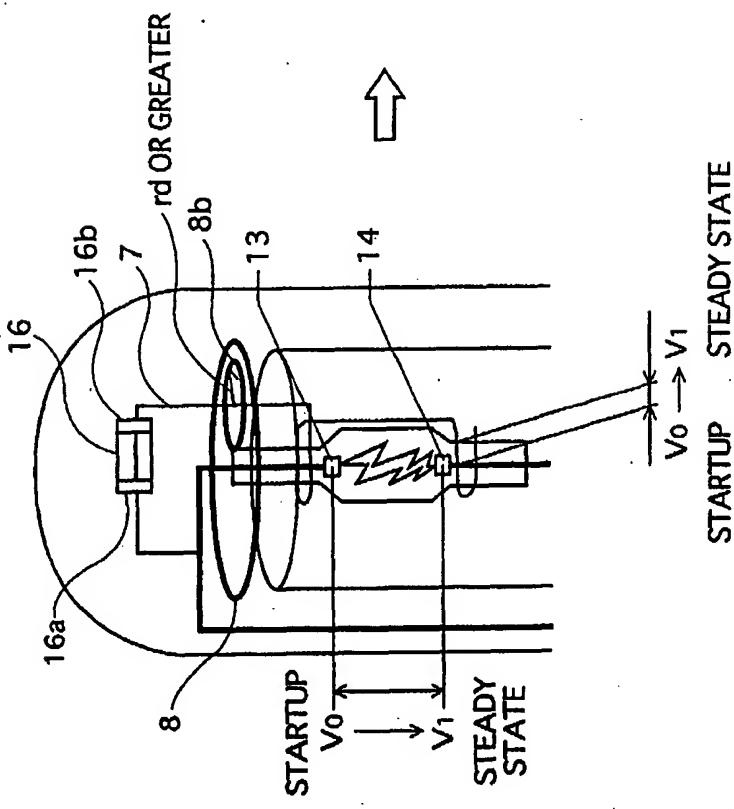
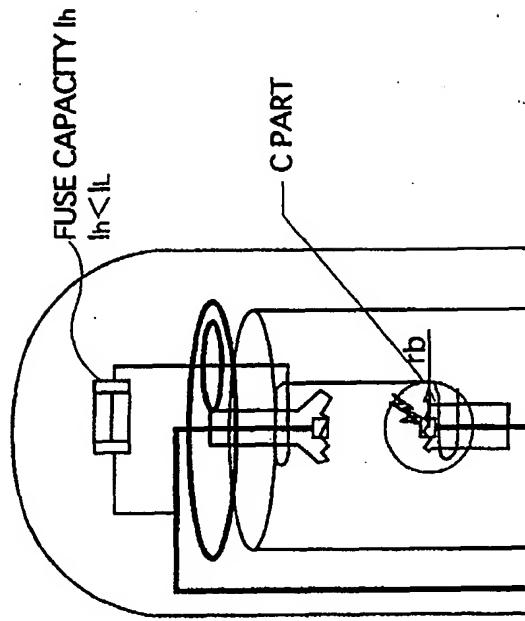


FIG.9B

ARC TUBE BREAKAGE
(DISCHARGE DOES NOT OCCUR IN OUTER TUBE)



I_L : LAMP CURRENT DURING NORMAL
OPERATION

FIG.10B

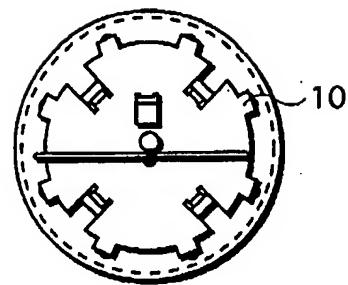


FIG.10A

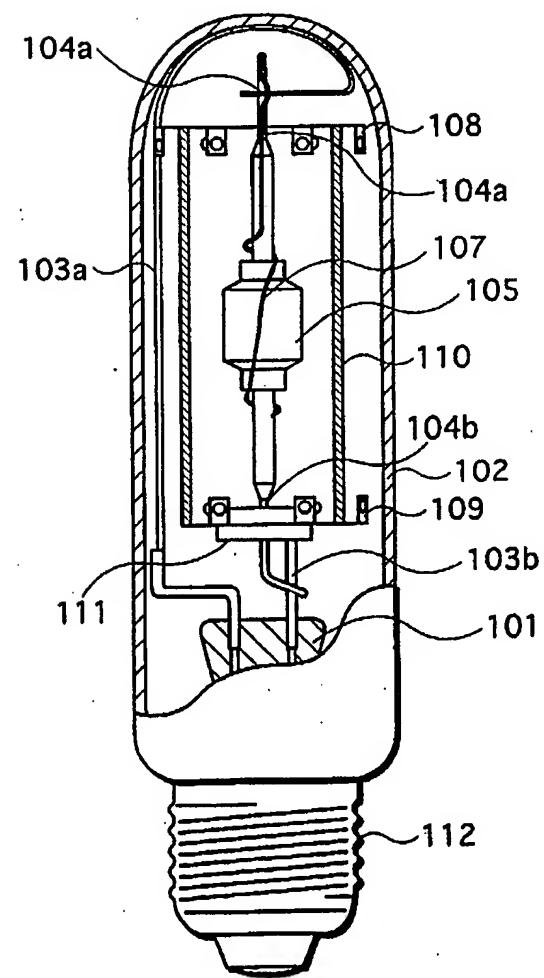


FIG. 11 A

NORMAL STATE

ARC TUBE BREAKAGE
(START OF DISCHARGE IN OUTER TUBE)

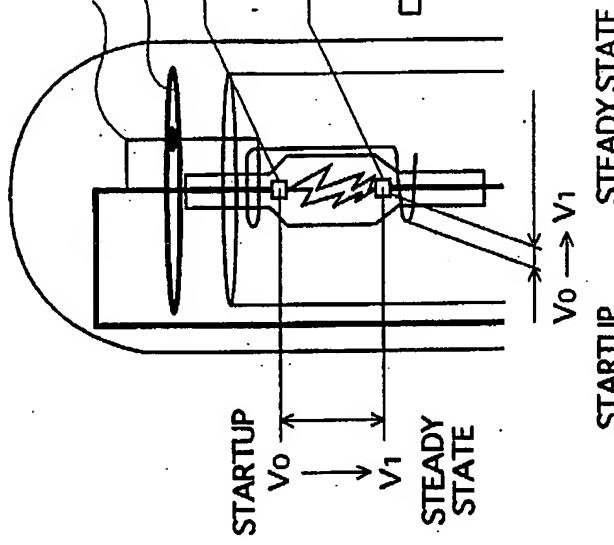


FIG. 11 B

ARC TUBE BREAKAGE
(START OF DISCHARGE IN OUTER TUBE)

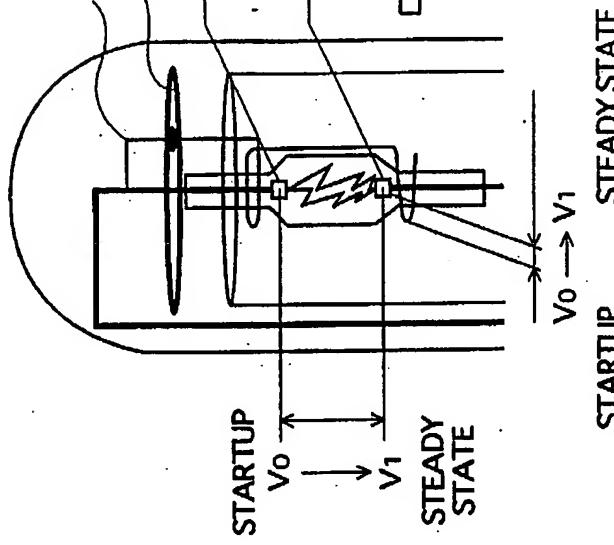


FIG. 11 C

LAST STAGE OF DISCHARGE
IN OUTER TUBE
(END OF DISCHARGE)

